



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

NEUROTRAUMA ADVISORY BOARD (NTAB)
MEETING MINUTES
DECEMBER 18, 2015

Present: Lyna Burian, Angie Enoka, Rita Manriquez, Ian Mattoch, Scott Sagum, Stella Wong, Valerie Yamada

Excused: Milton Takara, Doris Warner

Others: Violet Horvath, Director, Pacific Disabilities Center (PDC) Hawaii
Neurotrauma Registry (HNTR); Tina Robertson, Queen's Medical Center
(QMC) Neuroscience; Dr. Matthew Koenig, Queen's Medical
Center

DOH Staff: Wendie Lino, Curtis Inouye

- I. **Call to Order** – Meeting was called to order by Acting Chair Scott Sagum. Quorum present.
- II. **Approval of Minutes from the October 23, 2015 meeting** – Board Member Stella Wong made a motion to accept the minutes as written. Board Member Lyna Burian seconded that motion. All Board Members present voted in favor of minutes being accepted as written. No questions.
- III. **Review of Agenda** – Board Member Stella Wong made a motion to accept the agenda as written. Board Member Lyna Burian seconded that motion. All Board Members present voted in favor of accepting the agenda as written. No questions.

IV. New Business

The Queen's Medical Center-Neuroscience Institute Contract Proposal:

Dr. Matthew Koenig from QMC provided an update on the Hawaiian Islands Regional Stroke Network prior to his request for continued funding to continue to administer and expand the Hawaiian Islands Regional Stroke Network with the use of telemedicine-based consultation to improve disparities in access to expert stroke care. He mentioned that there are currently 7 hospital sites throughout the state on the stroke network. To date, there were 223 total calls (47 incomplete calls and 177 completed calls). There were 71 administrations of IV tPA (Tissue Plasminogen Activator) to patients with 52 patients transferred to QMC Punchbowl. 19 patients who received tPA did not require transfer to QMC Punchbowl and remained at their site or were transferred to another institution. 11 non-tPA patients were transferred to QMC Punchbowl. Dr. Koenig mentioned that they are on track now to treat more patients this year by telemedicine than they actually treat in person at QMC Punchbowl. Per Dr. Koenig, the goal of the project is to partner with these hospitals and the care of stroke patients through tele-medicine. The smaller hospitals that do not have a neurologist on staff or don't have access to a neurologist on call are often in a difficult situation in making decisions in treating patients with acute stroke. At QMC, there is a neurologist who is a stroke specialist on call 24 hours a day, 7 days a week, so the idea of the project is for QMC to share their resources with the smaller hospitals that do not have the access to care using tele-medicine.

Dr. Koenig is attending this NTAB meeting to request to the NTAB to utilize the Neurotrauma Special Fund to contract with the DOH to continue to administer and expand the Hawaiian Islands Regional Stroke Network with the use of tele-medicine based consultation to improve disparities in access to expert stroke care. The proposed contract key objectives for access, coordination, education and training are: to increase access of patients to tPA treatment and expert stroke consultation through expansion of a telemedicine-based regional stroke network; to increase public education for recognition of stroke symptoms and the need to seek urgent medical attention by calling 9-1-1; to increase training of Emergency Department (ED) physician and nurse providers on streamlined stroke care; to reduce the need for inter-hospital transfer by providing remote consultation through telemedicine and empowering hospitals to safely treat stroke patients; to generate a self-sustaining business model beyond the 3 year proposed contract period of public funding through a low monthly subscription fee paid by participating hospitals. Per Dr. Koenig, QMC will continue with the research component as indicated in the initial contract. The outcome measures are to increase tPA utilization from 6.4% to 10% within 3 years (improved access) and to improve ED arrival-to-treatment time to less than 60 minutes in 90% of stroke patients treated with IV tPA (professional training). Continuous quality improvement analysis will be carried out through two databases, the Hawaii Health Information Corporation database of institutional discharge claims data and the Get With the Guideline-Stroke quality improvement registry. Acting Chair Scott Sagum inquired about the possibility of Kauai Veterans Memorial Hospital (KVMH) now called West Kauai Medical Center as being part of the Hawaiian Islands Regional Stroke Network. Dr. Koenig has received calls from KVMH regarding stroke care for patients and has visited the hospital. But due to circumstances, KVMH is not yet a possible site for the telemedicine project.

Stroke patients on Kauai can be treated at Wilcox Hospital, which is now a primary stroke center.

Dr. Koenig, QMC, made a request to the NTAB to utilize the Neurotrauma Special Fund to establish a new contract with the DOH to administer and expand the Hawaiian Islands Regional Stroke Network with the use of telemedicine-based consultation to improve disparities in access to expert stroke care. This is a great opportunity for the DOH/Neurotrauma Supports and the QMC to continue in partnership to address a very important concern, stroke. Acting Chair Scott Sagum entertained a motion on the request. NTAB Member Ian Mattoch made a motion for the Board's support and recommendation for use of the Neurotrauma Special Funds as requested by Dr. Koenig. Motion was seconded by NTAB Member Stella Wong. All NTAB Members present voted in favor with none opposed.

V. Old Business

A. Hawaii Concussion Awareness and Management Program (HCAMP) Update:
No updates were provided at this meeting.

B. Pacific Disabilities Center (PDC) – Hawaii Neurotrauma Registry (HNTR) Update:
Violet Horvath from the PDC provided an update on the Registry. There are a total of 125 participants in the Registry as of November 30, 2015. Nearly 13,000 individuals have visited their tables at public events. To date, there have been 338 contacts for assistance to the Information and Referral Hotline. For additional information on the registry participation, public education, networking with professionals, social media/marketing, and Year 1 statistics, refer to the HNTR report which is attached to the Minutes. Per Ms. Horvath, Year 2 statistics will be provided at the next NTAB meeting. Ms. Horvath also presented to the NTAB three project applications/proposals to request funding from the Neurotrauma Special Fund. The first project is developing a book to engage local parents and children in learning about traumatic brain injury prevention and education through "local stories and characters." The project proposal will also consist of developing a coloring book and parent guides and interactive teacher guides to go along with the stories. The second project proposal is Critical Skills for Transition-Aged Youth with Mild Traumatic Brain Injury. The purpose of the project is to: increase the chances that transition-aged youth ages 18-24 with mTBI (mild traumatic brain injury) obtain and retain employment through technological and social skills training; and secondly, to increase communication and social skills and thus increase the quality of life for transition-aged youth with mTBI. The third project proposal is a video series on Educating the Public on Neurotrauma Injuries. Per Ms. Horvath, the purpose of the proposed project, through a three-part video series is to educate the residents of Hawaii about neurotrauma injuries so they are better able to prevent, recognize, respond to, and recover from neurotrauma injuries. The project will also bring social awareness to the various issues surrounding neurotrauma injuries by highlighting the experiences of Hawaii-based survivors and family members impacted by these injuries. Concerns and questions posed to Ms. Horvath by Board Members include staffing issues should all three projects be approved. Also, regarding the third project, the level of quality of the

video documentary was a concern. A recommendation from NTAB Member to PDC would be to develop a script, then consult with a professional on the quality of the script. Board Members recommended this process not only for the video series but for the developing of the Children's Book as well. Board Member Ian Mattoch mentioned that he has a DVD documentary on an individual who sustained a TBI and other injuries while traveling across the Golden Gate Bridge in San Francisco, CA. and the rehabilitation she had to endure. It is a documentary which is being shown nationally at this time. Mr. Mattoch mentioned the emotions this documentary had on those individuals watching it and how this could be a good resource for PDC to reference. Mr. Mattoch will provide the DVD to Ms. Horvath. Board Members mentioned that the project proposals were well written and addressed the requirements for the use of the Neurotrauma Special Fund. However, the balance in the Fund must also be addressed with ongoing contracts as well as contracts that are in the process of being executed. Acting Chair and Board Members recommended that the proposed projects be reviewed by all Board Members and be discussed at the next NTAB meeting. Ms. Horvath will also update the Board with a detailed breakdown of the budgets and the proposed projects as well. DOH staff to report on the current status of the Neurotrauma Special Fund as well and Board Members will be able to prioritize these proposed projects after all the information is made available. The three project proposal applications for funding is attached to the Minutes for review.

C. Hawaiian Islands Regional Stroke Network Update:

Update included in Dr. Matthew Koenig's presentation under: IV. New Business

D. Neighbor Island Activities – Kauai:

No updates from Kauai

E. DOH Update:

Community Resources Branch has not hired anyone to fill the 2 vacant neurotrauma positions as of this date. The interview process is ongoing.

VI. **Announcements**

A. Brain Injury Association of Hawaii

1) *Support Group and Educational Meetings*

a. First Saturdays, 1:00-3:00 p.m., Rehabilitation Hospital of the Pacific, Wo Conference Room #4.

b. 2nd and 3rd Wednesdays, 6:00-8:00 p.m., Rehabilitation Hospital of the Pacific, Wo Conference Room #4

2) Lyna Burian will continue to monitor the status of the Cognitive Rehabilitation Bill and the Long-Term Care Bill currently in the Legislature.

3) Ian Mattoch announced that Mary Wilson from The Brain Injury Association of Hawaii has resigned as executive director of the Brain Injury Resource Center as of September 24, 2015. The Brain Injury Resource Center has not been in operation since Ms. Wilson's resignation. The Board of Directors of the Brain Injury Association of Hawaii decided to cease operations and the Resource Center officially closed on November 13, 2015. Participants in the program were advised prior to the closing of the program. Mr. Mattoch also mentioned that the Board of Directors of the Brain Injury Association of Hawaii has

approved solicitation for new membership into the Brain Injury Association of Hawaii.

VII. Next Meeting:

Date: February 26, 2016

Location: Kalanimoku VCC and Neighbor Island Sites

Time: 1:30 p.m. to 4:00 p.m.

Meeting Adjourned at 3:40 p.m.